Amendments

In the Specification:

On page 10, line 13, after "Figure 13" insert --(SEQ ID NOS:1-3)--;

line 16, after "Figure 14" insert --(SEQ ID NOS:4-7)--;

On page 11, line 8, after "Figure 21" insert --(SEQ ID NOS: 217, 219, 224)--;

line 11, after the sequence ending "...DRCG" insert --(SEQ ID NO:217)--;

line 13, after the sequence ending "...DRCG" insert --(SEQ ID NO:217)--;

line 15, after the sequence ending "...DRCG" insert --(SEQ ID NO:217)--;

line 16, after "Figure 25" insert --(SEQ ID NO:217)--;

line 18, after "Figure 26" insert --(SEQ ID NO:217)--;

line 20, after "Figure 27" insert --(SEQ ID NO:219)--;

On page 22, line 16, after "glycine-serine-glycine-serine" insert --(SEQ ID NO:8)--;

On page 25, line 17, after "CLLLAPDRC" insert --(SEQ ID NO:9)--;

On page 26, line 5, after "2101" insert --(SEQ ID NO:10)--;

line 7, after "5A12" insert --(SEQ ID NO:11)--;

line 7, after "3C10" insert --(SEQ ID NO:17)--;

line 8, after "2D7" insert --(SEQ ID NO:12)--;

line 8, after "3C5" insert --(SEQ ID NO:18)--;

line 9, after "3B6" insert --(SEQ ID NO:13)--;

line 9, after "2F4" insert --(SEQ ID NO:19)--;

line 10, after "3E4" insert --(SEQ ID NO:14)--;

line 10, after "5B1" insert --(SEQ ID NO:20)--;

line 11, after "3E7" insert --(SEQ ID NO:15)--;

line 11, after "3E11" insert --(SEQ ID NO:21)--;

line 12, after "2H1" insert --(SEQ ID NO:16)--;

line 12, after "3E8" insert --(SEQ ID NO:22)--;

line 14, after "2A10" insert --(SEQ ID NO:23)--;

line 14, after "2D12" insert --(SEQ ID NO:28)--;

line 15, after "2G12" insert --(SEQ ID NO:24)--;

line 15, after "3B10" insert --(SEQ ID NO:29)--;

line 16, after "2G11" insert --(SEQ ID NO:25)--;

line 16, after "3F2" insert --(SEQ ID NO:30)--;

line 17, after "2F10" insert --(SEQ ID NO:26)--;

line 17, after "2D3" insert --(SEQ ID NO:31)--;

line 18, after "2E3" insert --(SEQ ID NO:27)--;

line 20, after "G11" insert --(SEQ ID NO:32)--;

line 20, after "1A4" insert --(SEQ ID NO:40)--;

line 21, after "2H5" insert --(SEQ ID NO:33)--;

line 21, after "2H6" insert --(SEQ ID NO:41)--;

line 22, after "2H2" insert --(SEQ ID NO:34)--;

line 22, after "1C3" insert --(SEQ ID NO:42)--;

line 23, after "2H10" insert --(SEQ ID NO:35)--;

line 23, after "1D10" insert --(SEQ ID NO:43)--;

line 24, after "2E10" insert --(SEQ ID NO:36)--;

line 24, after "2H4" insert --(SEQ ID NO:44)--;

line 25, after "1B7" insert --(SEQ ID NO:37)--;

line 25, after "2G12" insert --(SEQ ID NO:45)--;

line 26, after "2H1" insert --(SEQ ID NO:38)--;

line 26, after "1A9" insert --(SEQ ID NO:46)--;

line 27, after "2H12" insert --(SEQ ID NO:39)--;

line 29, after "CB2" insert --(SEQ ID NO:218)--;

On page 27, line 4, after "5A12" insert --(SEQ ID NO:11)--;

line 4, after "3B6" insert --(SEQ ID NO:13)--;

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line 5, after "2H1" insert --(SEQ ID NO:38)--;

line 5, after "2G11" insert --(SEQ ID NO:32)--;

line 6, after "3B10" insert --(SEQ ID NO:29)--;

line 6, after "3E7" insert --(SEQ ID NO:15)--;

line 7, after "2H2" insert --(SEQ ID NO:34)--;

line 13, after "4B11" insert --(SEQ ID NO:47)--;

line 13, after "4G7" insert --(SEQ ID NO:50)--;

line 14, after "4D3" insert --(SEQ ID NO:48)--;

line 14, after "4A2" insert --(SEQ ID NO:51)--;

line 15, after "4C7" insert --(SEQ ID NO:49)--;

On page 27, line 20, after "GILLNEFA" insert --(SEQ ID NO:52)--;

line 21, after "GILTIDNL" insert --(SEQ ID NO:53)--;

line 22, after "GILALDYV" insert --(SEQ ID NO:54)--;

On page 28, line 2, after "G*ILTID*NL" insert --(SEQ ID NO:53)--;

line 3, after "CT*ILTLD*RC" insert --(SEQ ID NO:34)--;

line 5, after "G*ILALD*YV" insert --(SEQ ID NO:54)--;

line 6, after "CN*ILVLD*RC" insert --(SEQ ID NO:10)--;

line 8, after "G*ILLNEF*A" insert --(SEQ ID NO:52)--;

line 9, after "CT*IITQ*DRC" insert --(SEQ ID NO:43)--;

line 17, after the sequence ending ". . . *RNI*FH" insert --(SEQ ID NO:55)--;

line 18, after the sequence ending ". . . SNFTD" insert --(SEQ ID NO:56)--;

On page 29, line 26, after the sequence ending "...KLC PG" insert --(SEQ ID NO:57);

line 27, after the sequence ending "...DRC PG" insert --(SEQ ID NO:219);

line 28, after the sequence ending "...PRC PG" insert --(SEQ ID NO:220);

line 29, after the sequence ending "...IFH PG" insert --(SEQ ID NO:221);

line 30, after the sequence ending "...DYV GG" insert --(SEQ ID NO:222;)

On page 30, line 2, after "(LJP 688)" insert --(SEQ ID NO:58);

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line 9, after "6501" insert --(SEQ ID NO:29);

line 10, after "6626" insert --(SEQ ID NO:48);

line 11, "6641" insert --(SEQ ID NO:58);

line 12, "6644" insert --(SEQ ID NO:54);

line 13, "6701" insert --(SEQ ID NO:56);

line 14, "6707" insert --(SEQ ID NO:225);

line 24, after "CLILAPDRC)" insert --(SEQ ID NO:11)--;

On page 32, Table 7, line 3, after "(LJP 688)" insert --(SEQ ID NO:57)

On page 34, Table 8, line 7, after "Truncation analysis" insert --(SEQ ID NOS:60-65)--;

line 15, after "Disulfide surrogates" insert --(SEQ ID NOS:66-69)--;

line 21, after "Ala scan" insert --(SEQ ID NOS:70-76)--;

line 30, after "Gly scan" insert --(SEQ ID NOS:77-81)--;

On page 35, line 1, after "amino acids" insert (SEQ ID NOS:82-109)--;

On page 36, line 1, after "amino acids" insert --(SEQ ID NOS:110-140)--;

On page 37, line 1, after "Basic amino acid" insert --(SEQ ID NOS:141-143)--;

line 6, after "(lower case d)" insert --(SEQ ID NOS:144-166)--;

On page 38, line 1, after "acids (nAA)" insert --(SEQ ID NOS:167-175)--;

line 12, after "Others" insert --(SEQ ID NOS:176-181)--;

line 20, after "single deletion" insert --(SEQ ID NOS:182-189)--;

line 30, after "shrink minization" insert --(SEQ ID NOS:190-192)--;

On page 39, line 1, after "branched" insert --(SEQ ID NOS:193-197)--;

line 8, after "D amino acids" insert --(SEQ ID NOS:198-200)--;

line 13, after "Des amino" insert --(SEQ ID NOS:201-204)--;

On page 40, Table 9, line 15, after "(LPJ 688)" insert --(SEQ ID NO:60)--;

line 16, after "(LPJ 690)" insert --(SEQ ID NO:65)--;

line 17, after the sequence ending "...AKLC" insert --(SEQ ID NO:74)--;

line 18, after the sequence ending "...pGKLC" insert --(SEQ ID NO:131)--;

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line 19, after the sequence ending "...dLGKLC" insert --(SEQ ID NO:153)--;

line 20, after "(thioether)" insert --(SEQ ID NO:205)--;

line 21, after the sequence ending "...GKLS" insert --(SEQ ID NO:206)--;

line 22, after the sequence ending "...GKLC" insert --(SEQ ID NO:207)--;

line 23, after the sequence ending "...GALC" insert --(SEQ ID NO:208)--;

On page 41, line 13, after "AGP**CLLLAPDRC**PG" insert --(SEQ ID NO:219)--;

On page 43, line 21, after "below" insert--(SEQ ID NO:226)--;

On page 46, line 24, after the sequence ending "...GKLC" insert --(SEQ ID NO:65)--;

line 24, after the sequence ending "...LCPG" insert --(SEQ ID NO:60)--;

On page 50, line 20, after the sequence ending "...CTGCTG 3'" insert --(SEQ ID NO:209)--;

line 23, after the sequence ending "...CCCCGT 3'" insert --(SEQ ID NO:210)--;

line 24, after the sequence ending "...CCCGG 3'" insert --(SEQ ID NO:211)--;

On page 65, line 3, after the sequence ending "...-Val-Gly-Gly" insert --(SEQ ID NO:212)--;

line 4, after the sequence ending "...-Leu-Gly-Gly" insert --(SEQ ID NO:213)--;

line 5, after the sequence ending "...-Ala-Gly-Gly" insert --(SEQ ID NO:214)--;

line 17, after the sequence ending "...LGKLC" insert --(SEQ ID NO:58)--.

On page 85, line 11, after the sequence ending "...PDRCG)" insert --(SEQ ID NO:215)--;

line 11, after the sequence ending "...RDRCG)" insert --(SEQ ID NO:216)--;

line 28, after the sequence ending "...LAKLC)" insert --(SEQ ID NO:74)--;

line 29, after the sequence ending "...KLCPG)" insert --(SEQ ID NO:57)--;

On page 103, line 11, after the sequence ending "...DRCG" insert --(SEQ ID NO:216)--;

On page 104, line 11, after the sequence ending "...DRCG" insert --(SEQ ID NO:216)--;

On page 106, line 23, after the sequence ending "...DRCG" insert --(SEQ ID NO:217)--;

line 24, after the sequence ending "...DRCG" insert --(SEQ ID NO:217)--;

line 25, after the sequence ending "...DRCG" insert --(SEQ ID NO:216)--;

line 26, after the sequence ending "...RCPG" insert --(SEQ ID NO:7)--;